СПбГЭТУ «ЛЭТИ»
ПЕРВЫЙ ЭЛЕКТРОТЕХНИЧЕСКИЙ

МИНОБРНАУКИ РОССИИ
федеральное государственное автономное образовательное учреждение высшего образования
«Санкт-Петербургский государственный электротехнический университет «ЛЭТИ» им. В.И. Ульянова (Ленина)»
(СПбГЭТУ «ЛЭТИ»)

MINISTRY OF EDUCATION AND SCIENCE OF THE RUSSIA

ST PETERSBURG STATE ELECTROTECHNICAL

UNIVERSITY "LETI" IM. IN AND. ULYANOVA (LENINA)

Утверждаю:
Проректор по научной работе
_____Тупик В.А.
«__» июня 2022 г.

WORKING PROGRAMM

Of scientific and organizational practice for the preparation of graduate students in all scientific specialties

Saint Petersburg

2022

STRUCTURE OF SCIENTIFIC AND ORGANIZATIONAL PRACTICE

Course2

Semester3

Types of occupations

Independent work

Type of intermediate certification

Differentiated credit (semester)3

Head of ODA  Tumarkin A.V.

ABSTRACT OF SCIENTIFIC AND ORGANIZATIONAL PRACTICE

The scientific and organizational practice of graduate students aims to expand the knowledge gained by them in the learning process, as well as improve the practical skills of conducting independent research activities.

PRACTICE SUMMARY

The scientific practice of graduate students is aimed at expanding the knowledge that they received in the training process, as well as improving the practical skills of conducting research work.

GOALS AND OBJECTIVES OF SCIENTIFIC AND ORGANIZATIONAL PRACTICE

1. Know the ways of organizing and performing research work, methods of formalizing its results.

2. To be able to formulate new scientific problems, to find reasonable ways to solve them.

3. Own methods of planning and conducting research, processing, analysis,

CONTENT OF THE DISCIPLINE

The main goals and objectives of the practice are to expand and deepen the skills of conducting independent research activities.

The practice is carried out in the scientific departments of St. Petersburg Electrotechnical University "LETI", or in third-party organizations according to the profile of the scientific specialty. In the departments where the internship takes place, workplaces are allocated for the implementation of individual tasks according to the internship program.

The content of the practice is determined by the subject of scientific research of a postgraduate student on the basis of FGT, taking into account the interests and capabilities of the units (departments, laboratories, research groups, etc.) in which it is carried out. The specific content of the work of a postgraduate student during the period of practice is planned by the supervisor of the postgraduate student and is reflected in the individual assignment for practice.

The terms and duration of the practice are established in accordance with the postgraduate student's curriculum and the annual calendar academic schedule. During the period of practice, graduate students are subject to all the internal regulations and safety regulations established in the unit and at the workplace.

PRACTICE REPORTING FORM

The form of reporting on the practice is a written report.

A written report in accordance with the template approved at St. Petersburg Electrotechnical University is prepared by the postgraduate student before the end of the internship. The report should include the results of an individual task with a description of the technical solutions used, presentation of the obtained experimental and calculated data.

Certification is carried out by the supervisor of the postgraduate student on the basis of the report. Based on the results of certification, an assessment is made on a five-point scale (differentiated test).

After the attestation, a copy of the report in electronic form is submitted to the department of doctoral studies and postgraduate studies. The report itself is stored at the graduating department.

EDUCATIONAL AND METHODOLOGICAL SUPPORT OF THE DISCIPLINEList of basic and additional educational literature required

No.	Title, bibliographic description
1	**Tikhonov, V.A. Theoretical foundations of scientific research. Textbook for universities [Electronic resource] / V. A. Tikhonov, V. A. Vorona, L. V. Mitryakova. - Moscow: Hot Line-Telecom, 2018. - 320 p. - ISBN 978-5-99120505-4**
2	**Menyailo, Vera Vladimirovna Academic writing. Vocabulary. Developing Academic Literacy [Electronic resource]: textbook for universities / Menyailo V. V., Tulyakova N. A., Chumilkin S. V. - 2nd ed., corrected. and additional - Moscow: Yurayt, 2021. - 240 p. - ISBN 978-5-534-01656-7**
3	**Afanasiev, Vladimir Vasilyevich Methodology and methods of scientific research [Electronic resource]: textbook for universities / Afanasiev V. V., Gribkova O. V., Ukolova L. I. - Moscow: Yurait, 2021. - 154 s - ISBN 978- 5534-02890-4**

The list of resources of the information and telecommunication network "Internet" used in the development of the discipline

No.	Email address
1	https://journalfinder.elsevier.com
2	https://ieeexplore.ieee. org/Xplore/home.j sp
3	https://www.gostinfo.ru/catalog/gostlist/

Information technologies (operating systems, software for general and specialized purposes, as well as information reference systems) and the material and technical base used during the internship comply with federal state requirements.

Specific forms and procedures for current knowledge control and intermediate certification, as well as guidelines for students on independent work during internships, are brought to the attention of students in the first lesson.